



NATIONAL SOURCE WATER PROTECTION CONFERENCE

Stephen M. Jones
Chief Executive Officer
Suffolk County Water Authority
sjones@scwa.com

Administration Office
4060 Sunrise Highway
Oakdale, New York 11769
(631) 589-5200

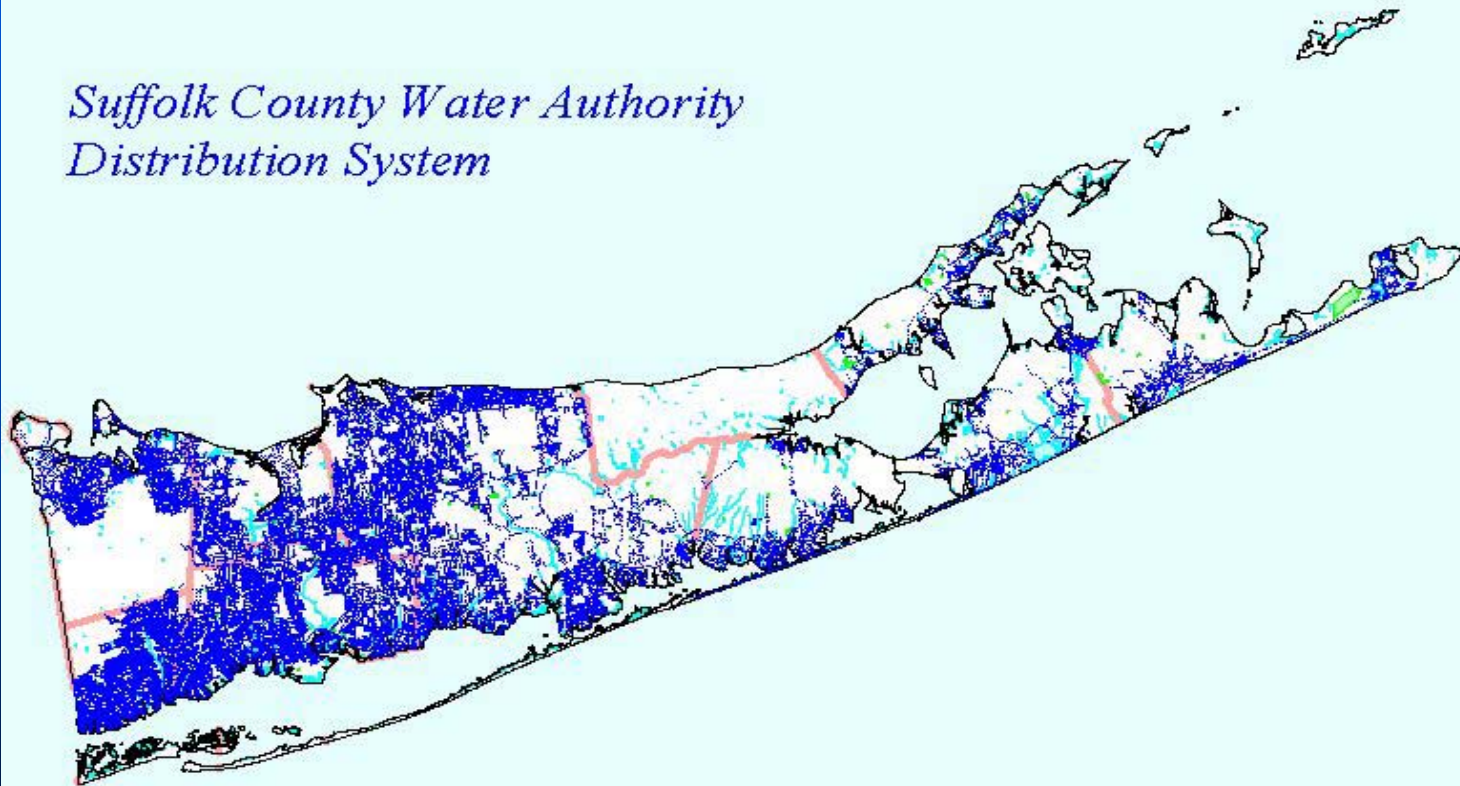


General Information

- ▶ Location: Suffolk County, Long Island
- ▶ SCWA serves approximately 1.2 million Suffolk County residents
- ▶ Largest Groundwater Supplier in the Nation
- ▶ In Operation for 52 years
- ▶ Over \$1 Billion in Assets

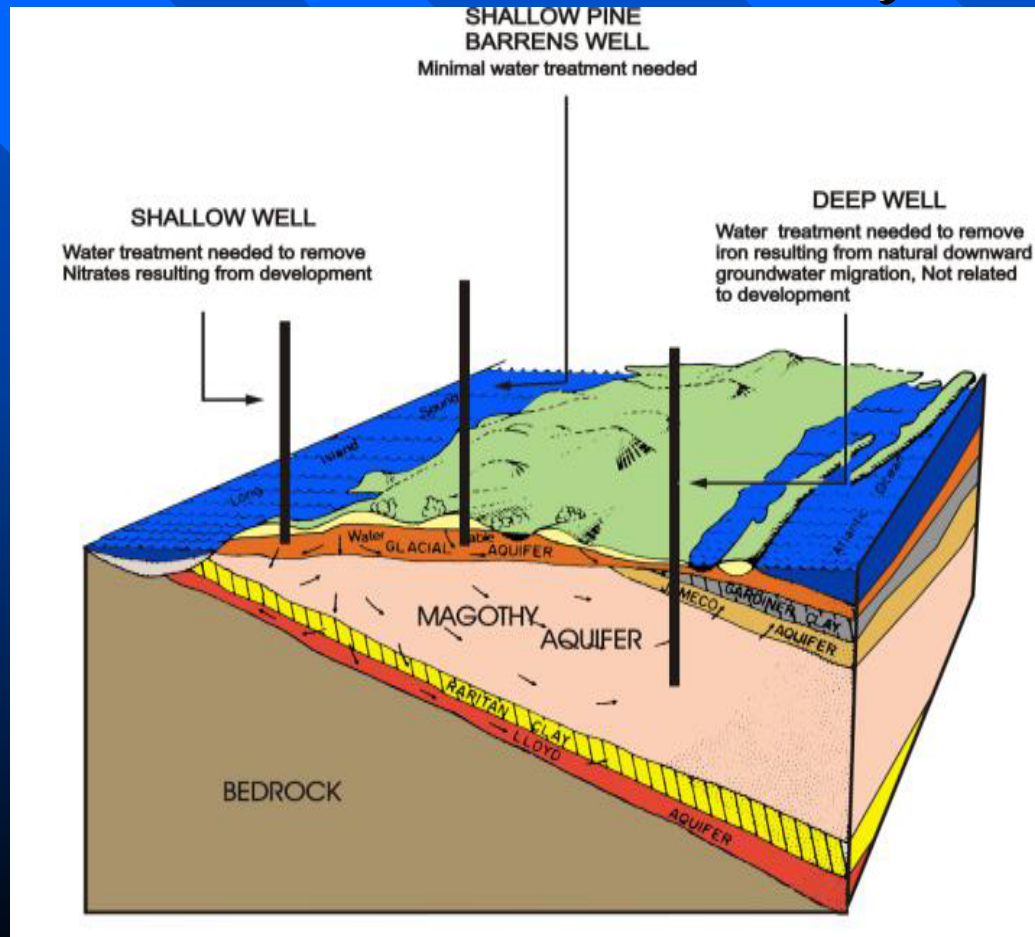


*Suffolk County Water Authority
Distribution System*





Cross Section of Groundwater Aquifers in Suffolk County

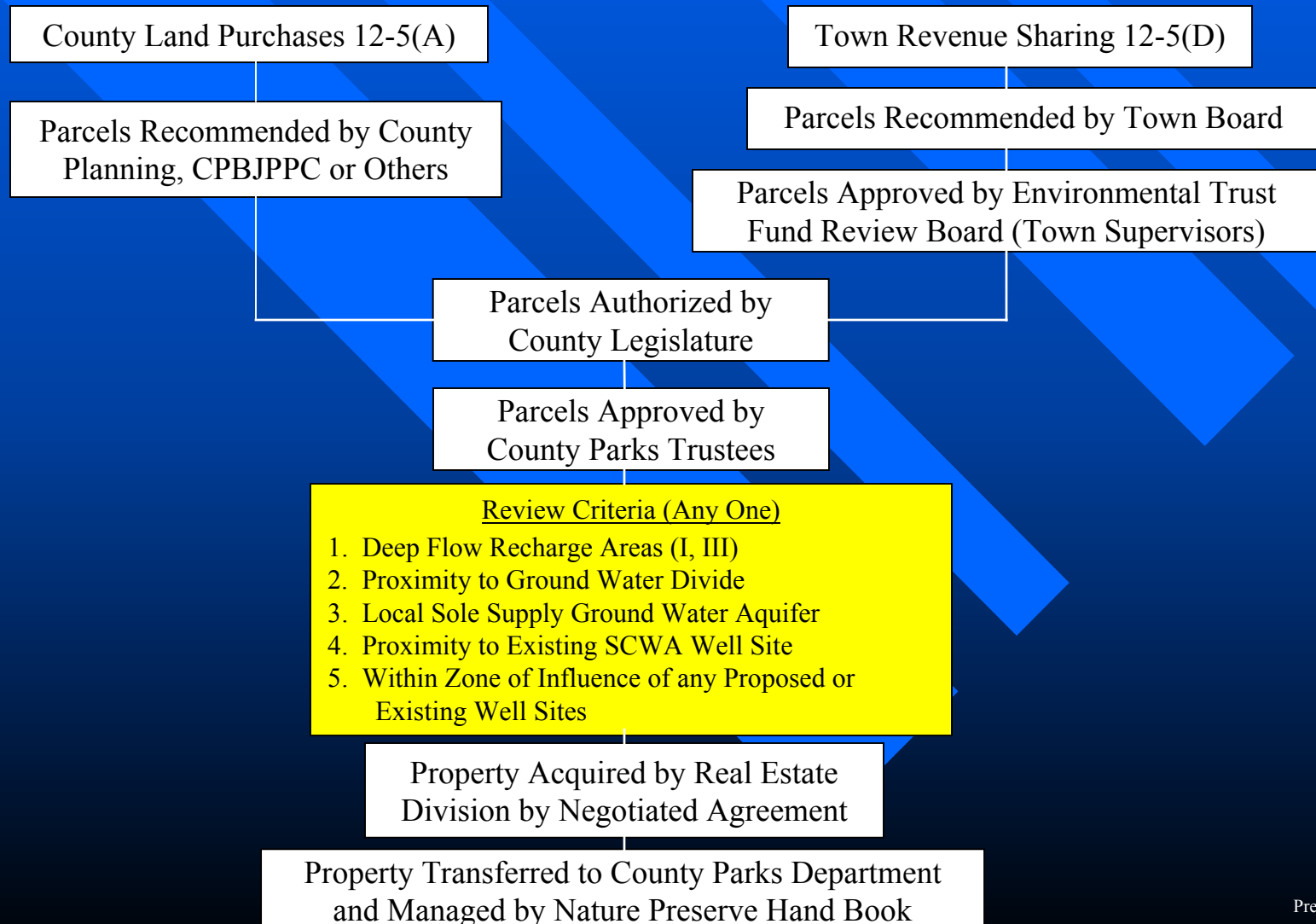




PRESERVATION THROUGH ACQUISITION



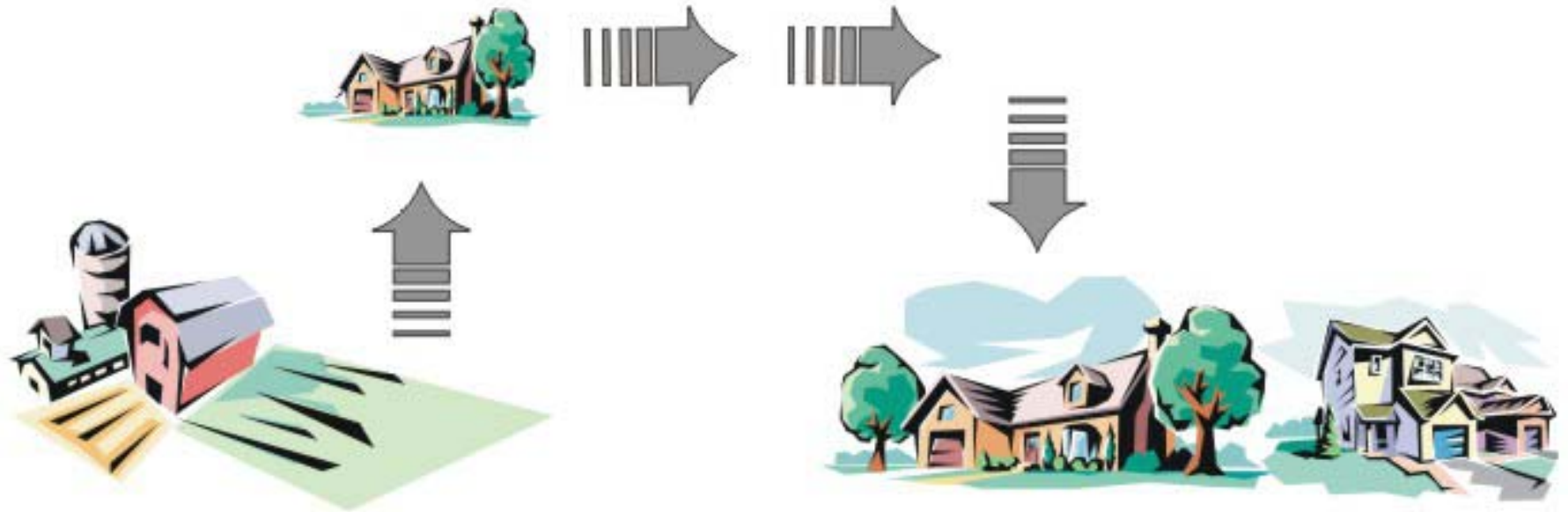
DRINKING WATER PROTECTION PROGRAM (1/4%) PINE BARRENS





PRESERVATION THROUGH TRANSFER

TRANSFER OF DEVELOPMENT RIGHTS (TDR)



Potential House is **MOVED**

From one Parcel  To Another



USE OF DEVELOPMENT RIGHTS IN SUFFOLK COUNTY

AS OF RIGHT

INCENTIVE ZONING

TDR

- ◆ Unit of Waste Water
- ◆ Unit of Dwelling
 - Lot
 - Carriage House
 - Apartment
 - Attached Unit, Multi, Senior, Affordable, etc.
- ◆ Unit of Right
 - Density Conveyance/Rural Development Balance Law
- ◆ **Unit of Environmental Preservation/Restoration**
 - Farmland
 - **Wellhead protection**
 - **SCWA**
 - **Aquifer Protection**
 - Pine Barrens - Habitat
 - Clearing Restorations

- ◆ Planned Development District (PPD)
- ◆ Zoning Waivers/Changes

Clearing House ("Bank")

- Supply/Demand
- Ratios
- Bank of Last Resort
- Reverse Auctions

Miscellaneous

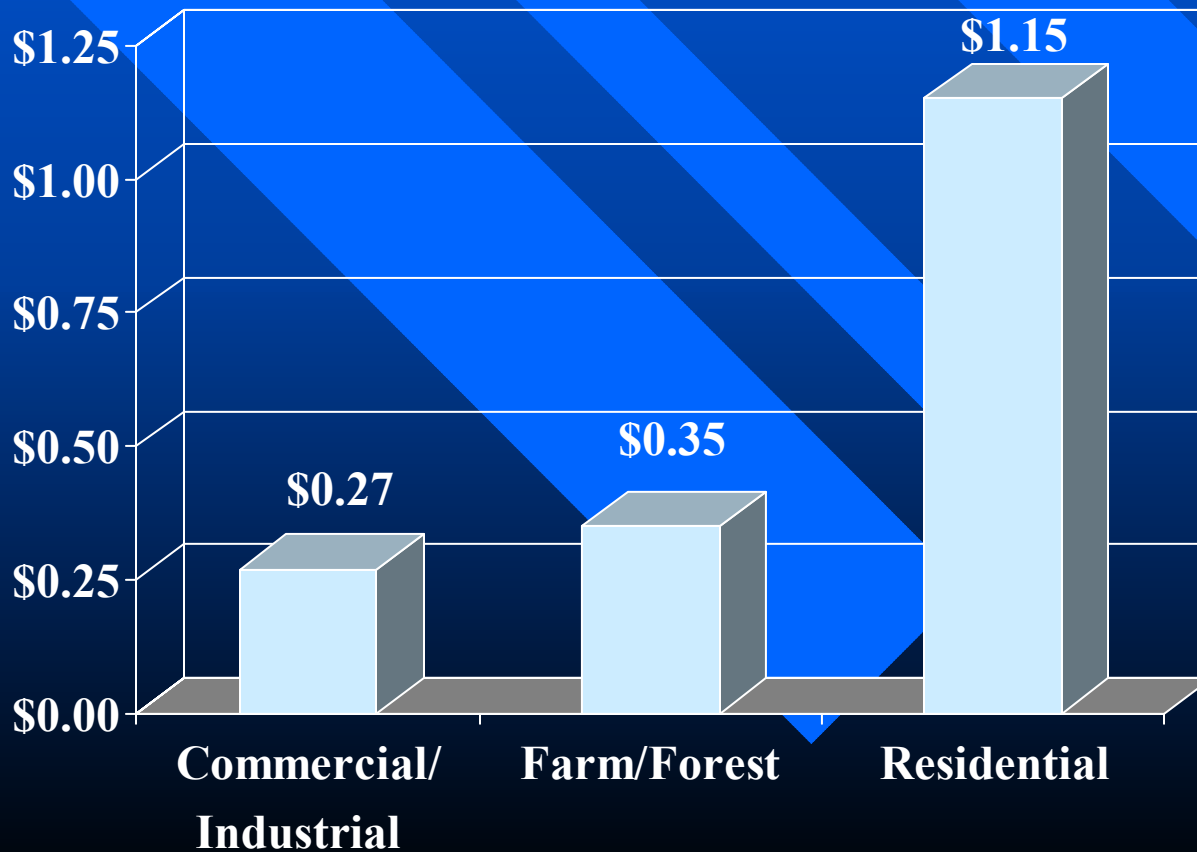
- * Minor Review Procedure
- * Administrative Review Staff and Sub Committee of Board
 - Per. Criteria
- * Conservation Subdivision with Land Trust



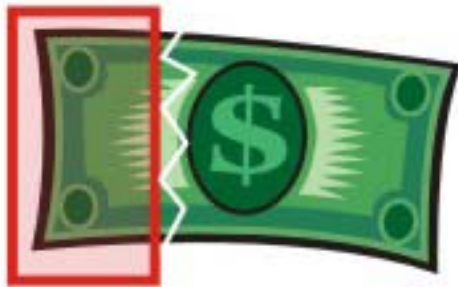
LOOKING AT THE TRUE COSTS



FOR EVERY DOLLAR PAID IN PROPERTY TAX...
HERE IS THE COST FOR MUNICIPAL SERVICES



**FOR EVERY
TAX DOLLAR
PAID
PER ACRE**

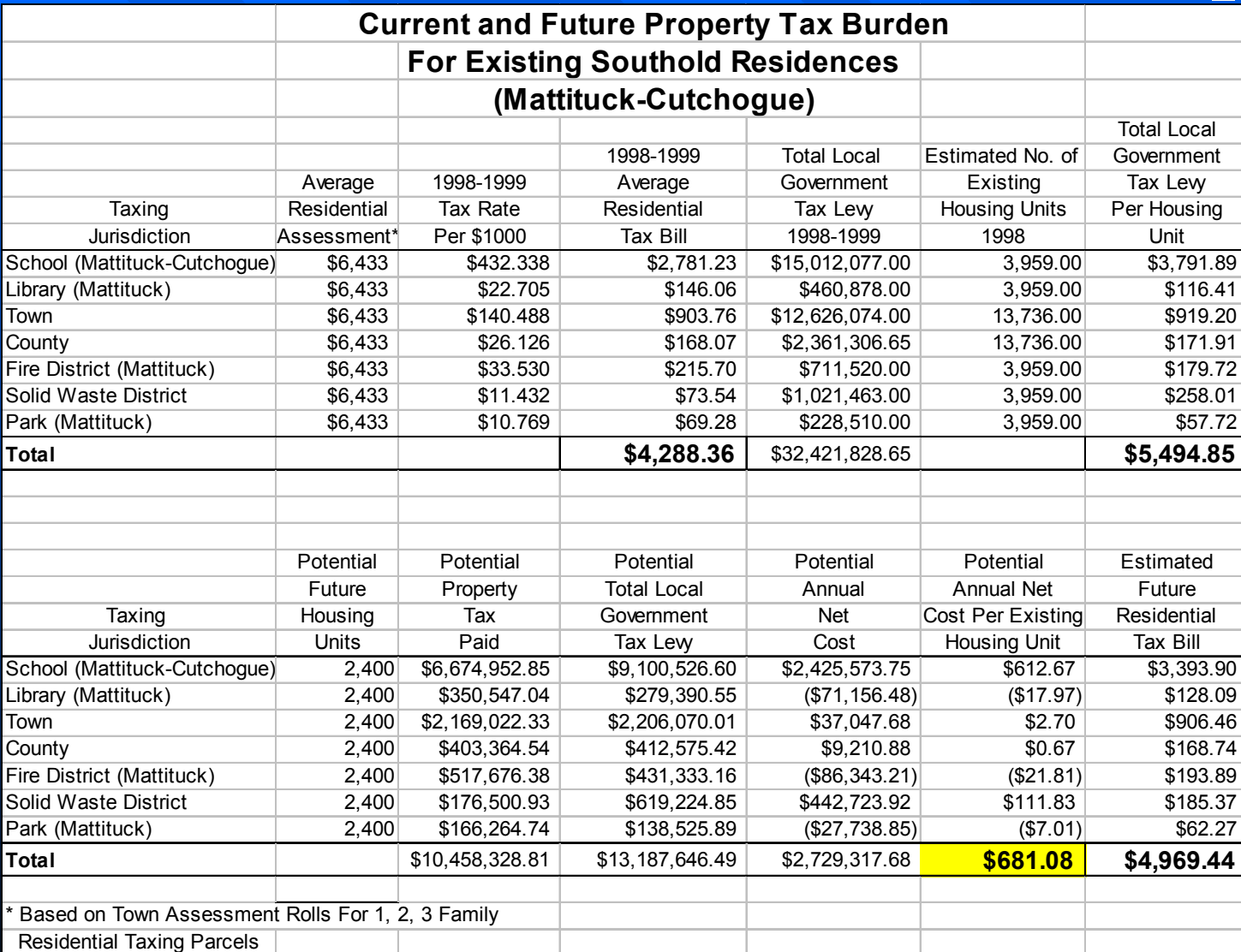


Farms Use
\$0.30



Single Family Homes Use
\$1.23

For Necessary Municipal Services





**Additional Amount That Existing
Homes Will Pay to Support Future Homes**

Purchase of Development Rights Bond Analysis

Bond	Interest Rate	Years Term	Annual Cost	Total Cost	Estimated No. of Existing Housing Units 1998	Annual Cost Per Housing Unit	
\$50,000,000.00	8%	8	\$8,700,738.03	\$69,605,904.24	13,736.00	\$633.43	30 Year
\$50,000,000.00	8%	20	\$5,092,610.44	\$101,852,208.82	13,736.00	\$370.75	20 Year
\$50,000,000.00	8%	30	\$4,441,371.67	\$133,241,150.08	13,736.00	\$323.34	8 Year
							No Bond

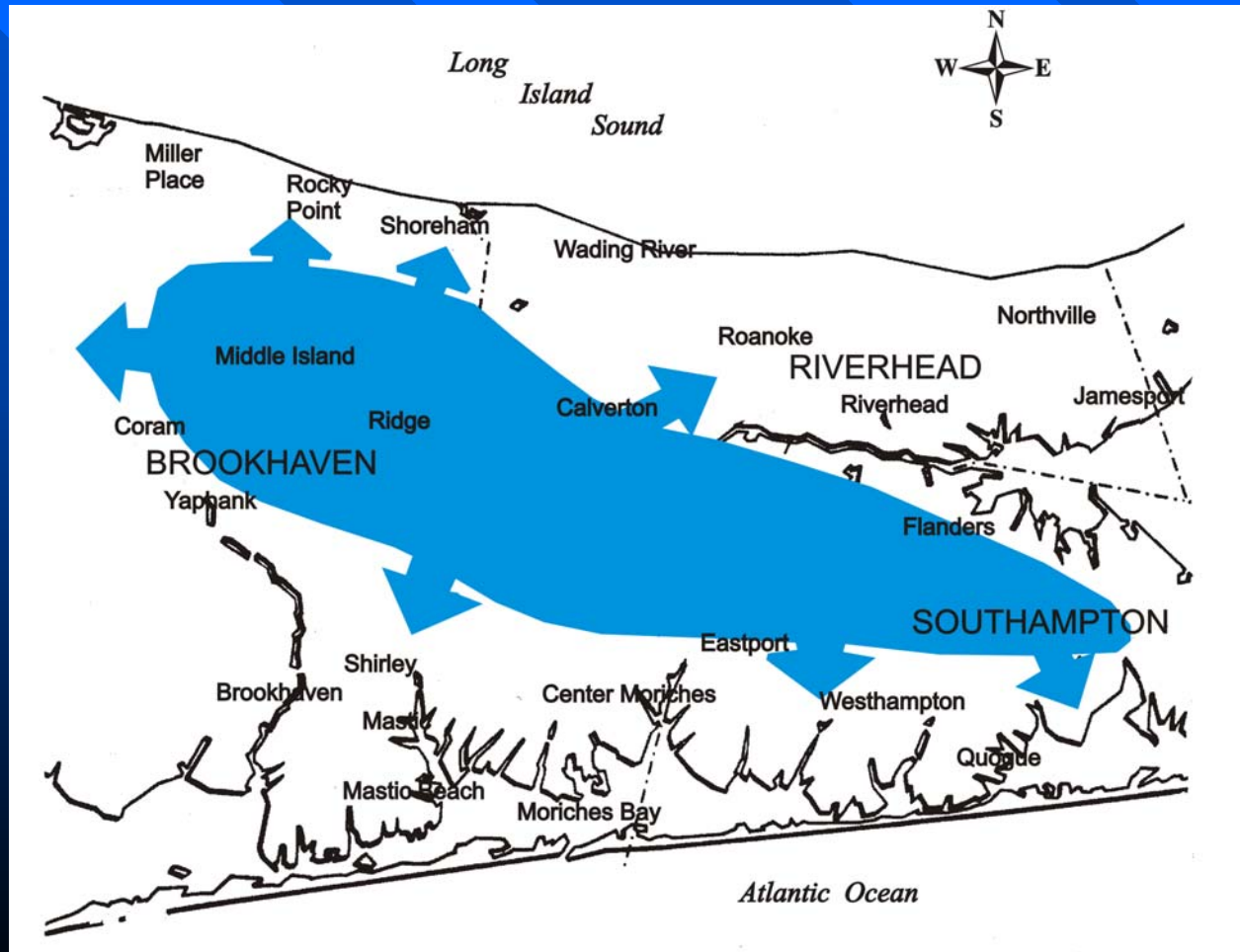


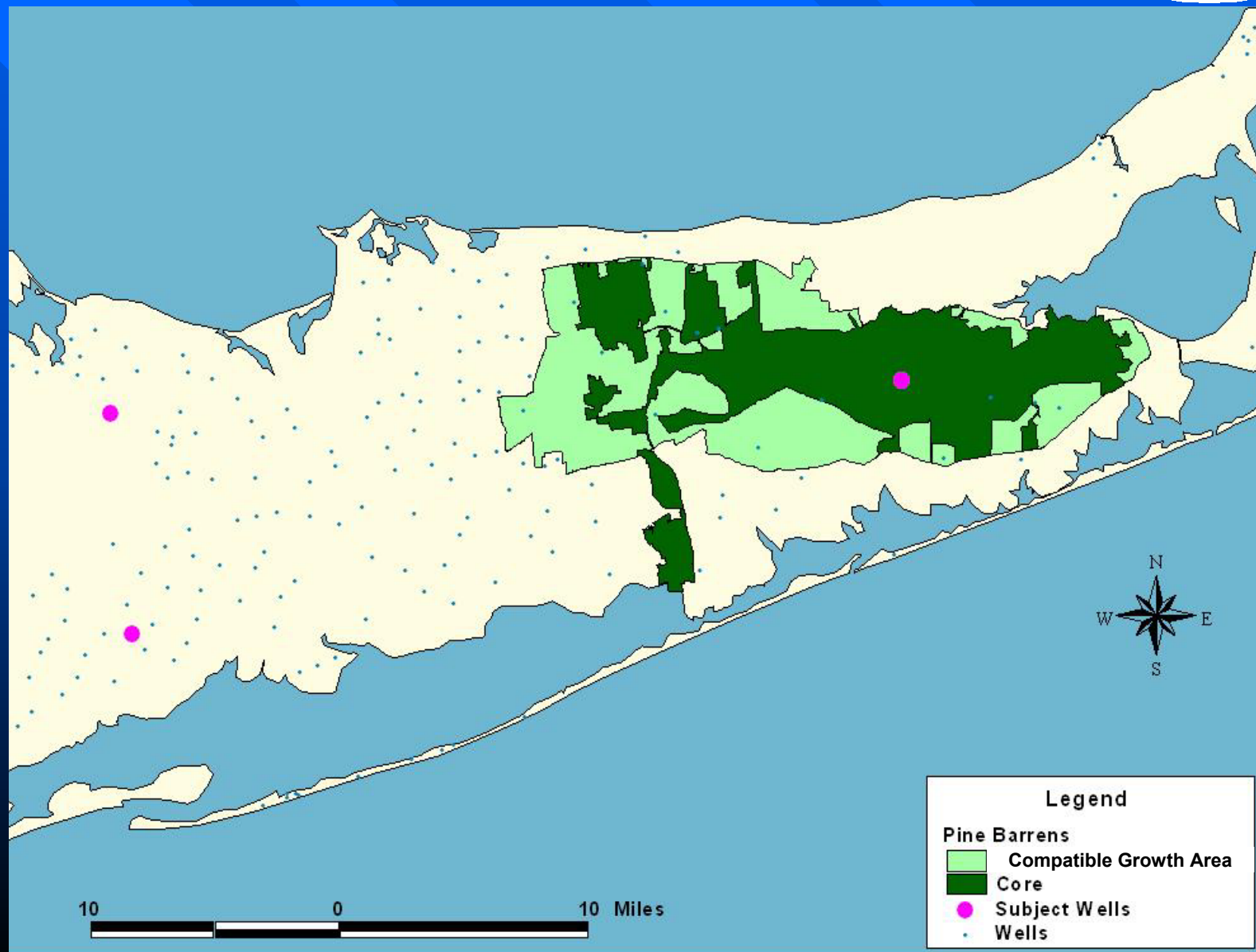
INVESTMENT IN CLEAN DRINKING WATER

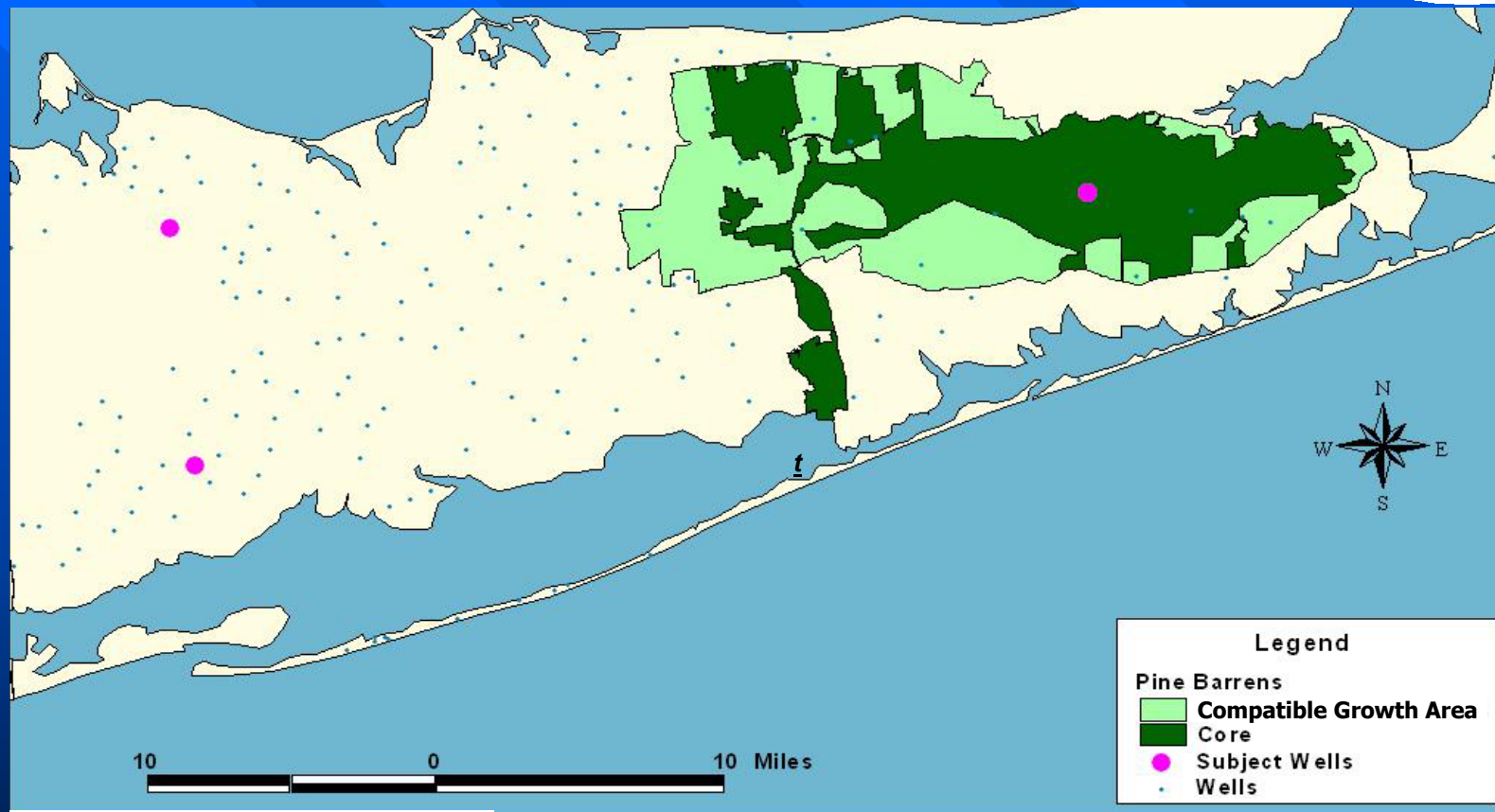


Direct Water Distribution Potential

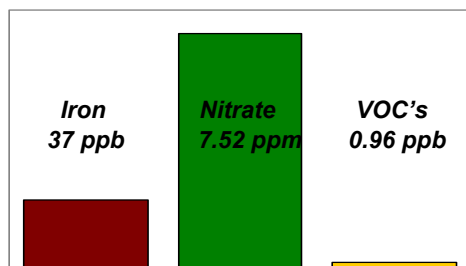
Central Pine Barrens

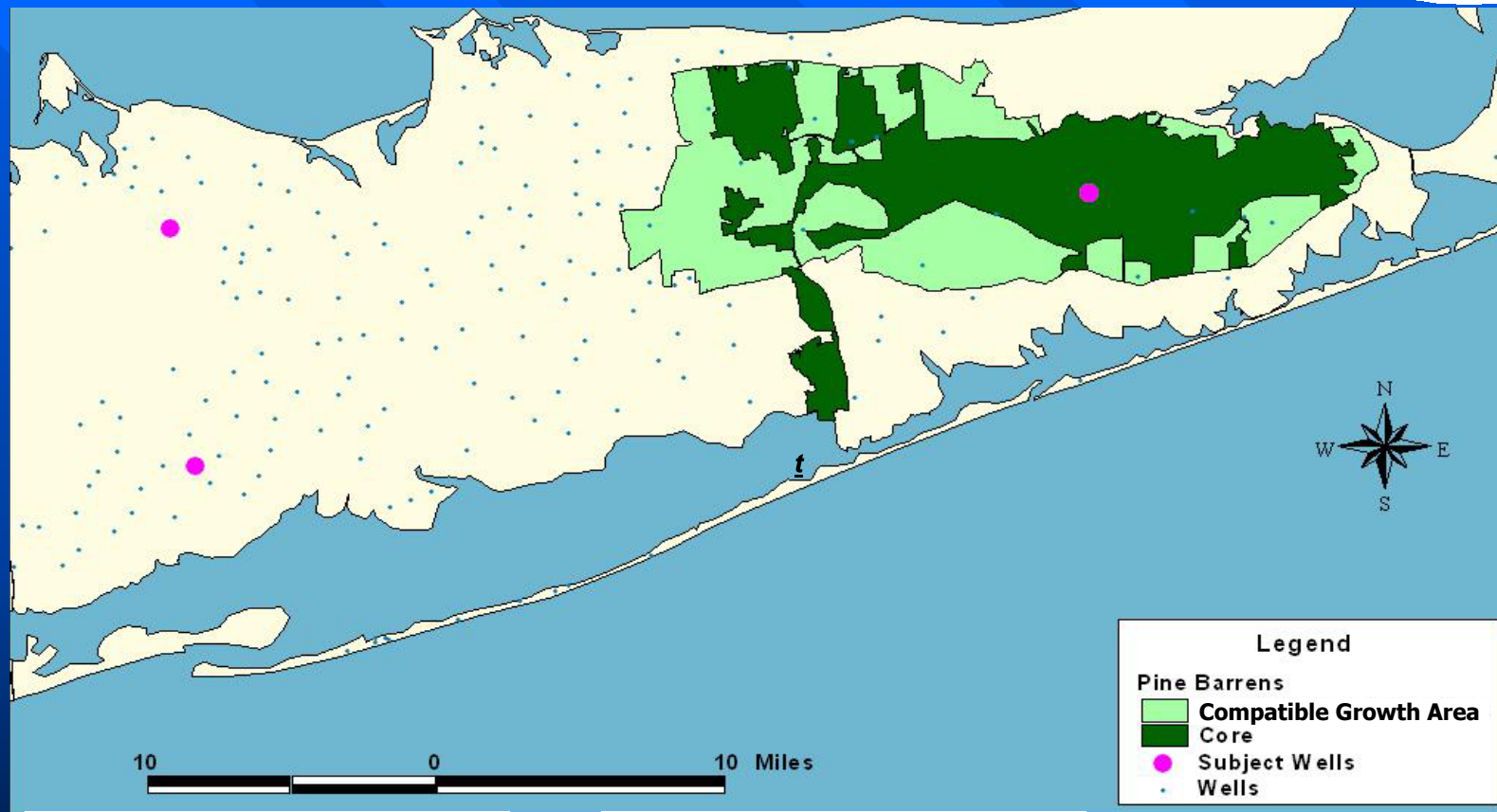




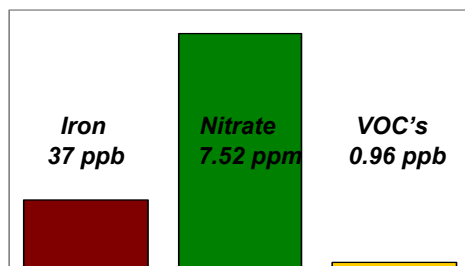


South Spur Drive, Northport

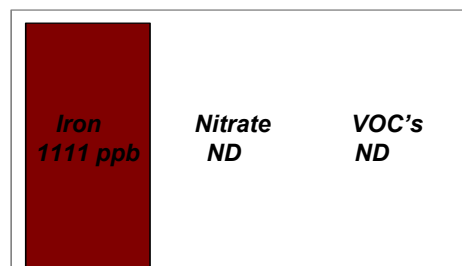


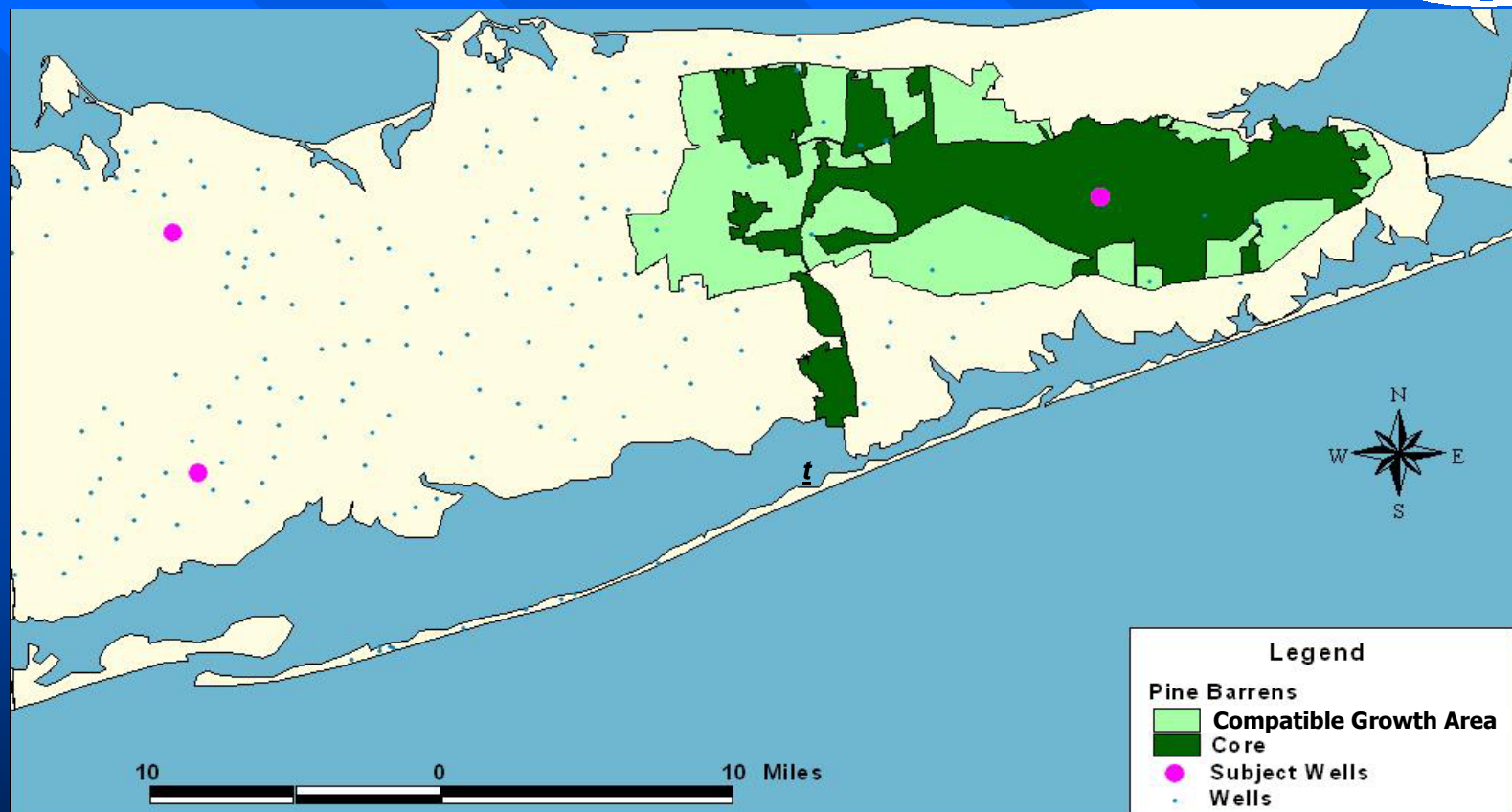


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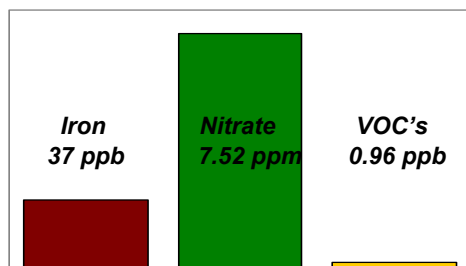


Harvest Lane, West Islip

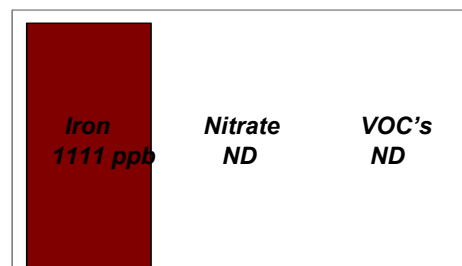




South Spur Drive, Northport



Harvest Lane, West Islip



Moriches-Riverhead Road Riverhead

